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Geoffrey, Burton [AU/AU]; 30 Crandon Road, Epping,  
New South Wales 2121 (AU).

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(74) Agent: GRIFFITH HACK; GPO Box 4164, Sydney, New  
South Wales 2001 (AU).

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(71) Applicant (*for all designated States except US*): UNIVER-  
SITY OF TECHNOLOGY [AU/AU]; Broadway, New  
South Wales 2007 (AU).

(72) Inventors; and

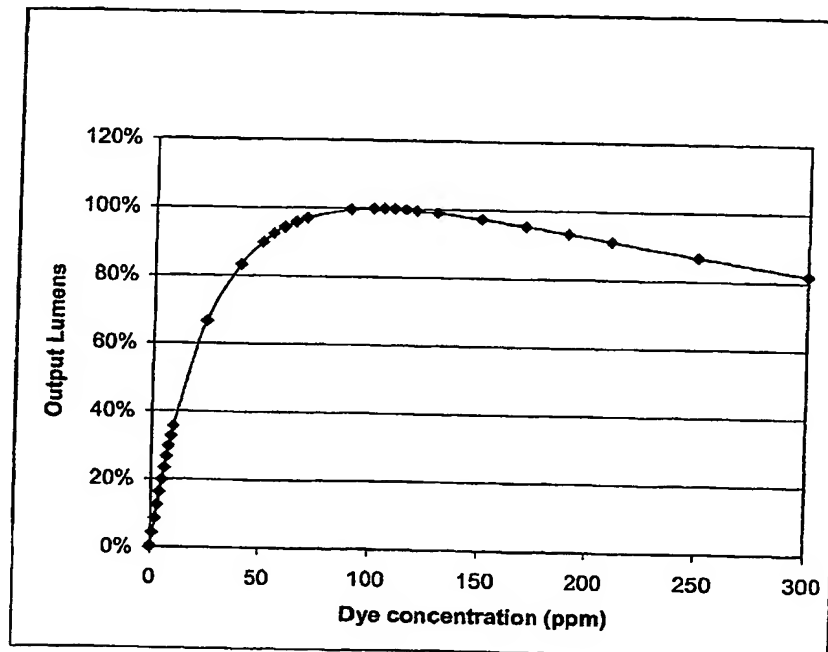
(75) Inventors/Applicants (*for US only*): FRANKLIN,  
James, Bruce [AU/AU]; St Paul's College, 9 City Road,  
Camperdown, New South Wales 2050 (AU). SMITH,

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(54) Title: A LIGHT COLLECTOR



(57) Abstract: The present invention provides a light collector. The light collector has a concentration  $C$  of dye molecules which absorb and emit light. The dye molecules are dispersed in a light transmissive medium and the concentration  $C$  is selected to reduce attenuation that light will suffer due to re-absorption or scattering in the main emission wavelength range of the dye molecules so that the combined emission and absorption efficiency of the light collector is increased.

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